

CLAIMS

1. A method of driving a plasma display panel including a discharge cell, the discharge cell being formed at an intersection of a scan electrode and a sustain electrode, and a data electrode, the
5 method comprising:

dividing one field period into a plurality sub-fields, each comprising an initializing period, a writing period, and a sustaining period;

10 providing a first sustaining period and a second sustaining period in a sustaining period of at least one sub-field, in the first sustaining period, a transition period of a sustain pulse applied to the scan electrode not being temporally overlapped with a transition period of a sustain pulse applied to the sustain electrode,
15 and in a second sustaining period, a transition period of the sustain pulse applied to the scan electrode being temporally overlapped with a transition period of the sustain pulse applied to the sustain electrode,; and

disposing the second sustaining period at least at an end
20 of the sustaining period.

2. The method of driving a plasma display panel of claim 1, wherein a sustaining period of a sub-field disposed just before a sub-field in which the discharge cell discharged in the sustaining
25 period is selectively initialized includes the first sustaining period and the second sustaining period.

3. The method of driving a plasma display panel of claim 1,

wherein, in the second sustaining period, duration in which the transition period of the sustain pulse applied to the scan electrode is overlapped with the transition period of the sustain pulse applied to the sustain electrode is set to a value substantially causing no self-erase discharge.

4. The method of driving a plasma display panel of claim 1, wherein duration of the second sustaining period is changed according to a percentage of lit discharge cells.